

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-258158
 (43)Date of publication of application : 12.09.2003

(51)Int.CI.

H01L 23/12

(21)Application number : 2002-055511

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(22)Date of filing : 01.03.2002

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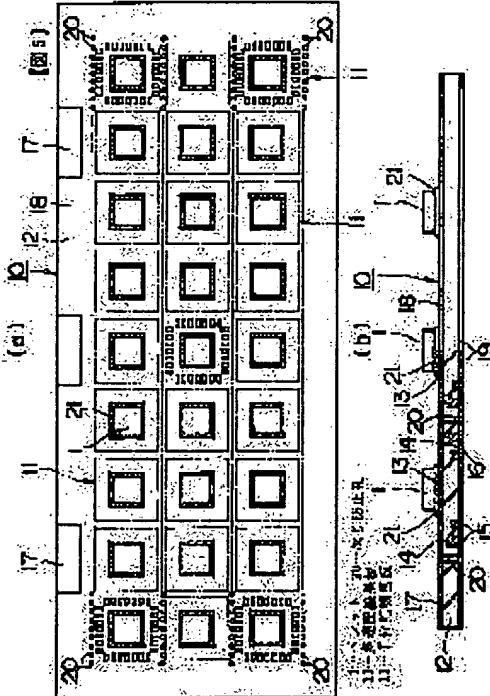
(54) METHOD FOR PRODUCING SEMICONDUCTOR DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent a multiple wiring board for use in MAP from warping.

SOLUTION: After pellets 1 are bonded to a plurality of unit wiring boards 11 of the multiple wiring board 10 and a group of pellets 1 is sealed in batch with a resin-sealing body 23, the multiple wiring board 10 and the resin-sealing body 23 are cut into individual unit wiring boards 11. In this method of producing individual BGA ICs by MAP, a large number of warpage-preventing holes 20 are made along the border line of the unit wiring boards 11 of the multiple wiring board 10.

Since thermal stresses, acting on the multiple wiring board in pellet bonding process, or the like, can be absorbed by the large number of warpage-preventing holes, the multiple wiring board can be prevented from warping. Consequently, splitting or cracking of the multiple wiring board, open circuit or short circuit of the inner terminal, outer terminal and electric wiring of the unit wiring board, underfilling of the resin-sealing body, generation of voids, and the like, can be prevented and the yield, quality and reliability can be enhanced in the method for producing a BGA IC using MAP.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of
rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

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